

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of existing Traffic Control Signals with existing street lighting at the US 13(BU) (Salisbury Blvd) and Isabella Street in Wicomico County. Opticom pre-emption shall be installed at this intersection. US 13(BU) (Salisbury Blvd) is assumed to run in a north-south direction.

II. INTERSECTION OPERATION

- The intersection shall continue to operate in a NEMA five phase, fully-actuated mode, with the US 13(BU) (Salisbury Blvd) approaches running concurrently. The Exclusive/Permissive left turn phase shall continue to be provided for northbound approach of US 13(BU) (Salisbury Blvd). The Isabella Street approaches shall also continue to operate in a split-phase. Pre-emption shall be installed for the Isabella Street eastbound approach.
- There is an existing Opticom Discriminator module in existing pole mounted cabinet.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- All controller cabinet wiring will be performed by the S.H.A. Signal Shop. Contact Mr. Ed Rodenhizer at (410) 787-7652 seventy-two hours in advance of intended work.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

The contact persons for District #1 are as follows:

Mr. Gene Coffell
Assistant District Engineer - Traffic
Phone: (410) 677-4040

Mr. Jimmy Wright
Assistant District Engineer - Maintenance
Phone: (410) 543-6715

Mr. Bruce Poole
Assistant District Engineer - Utility
Phone: (410) 677-4082

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Ed Rodenhizer
Chief, Traffic Signal Operations
410-787-7652

Mr. Sonny Bailey
Chief Sign Shop
410-787-7676

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
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THERE IS NO EQUIPMENT TO BE SUPPLIED BY THE SHA.

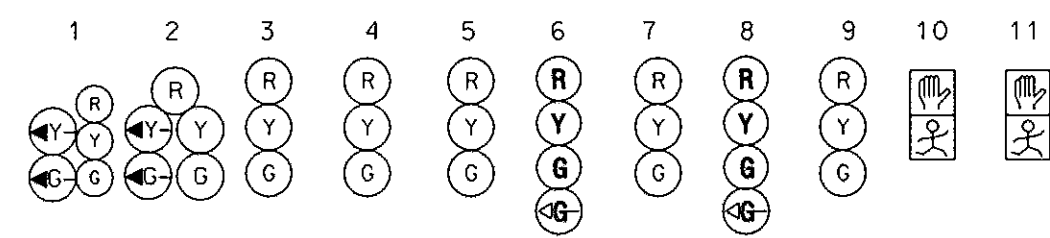
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
8015	LED signal head modules (ANY SIZE)	33 EA
8017	Remove and dispose of existing material & equipment per assignment.	1 EA
8023	4 conductor opticom cable	80 L.F.
8049	Opticom #721 detector eye	1 EA

C. EQUIPMENT TO BE REMOVED

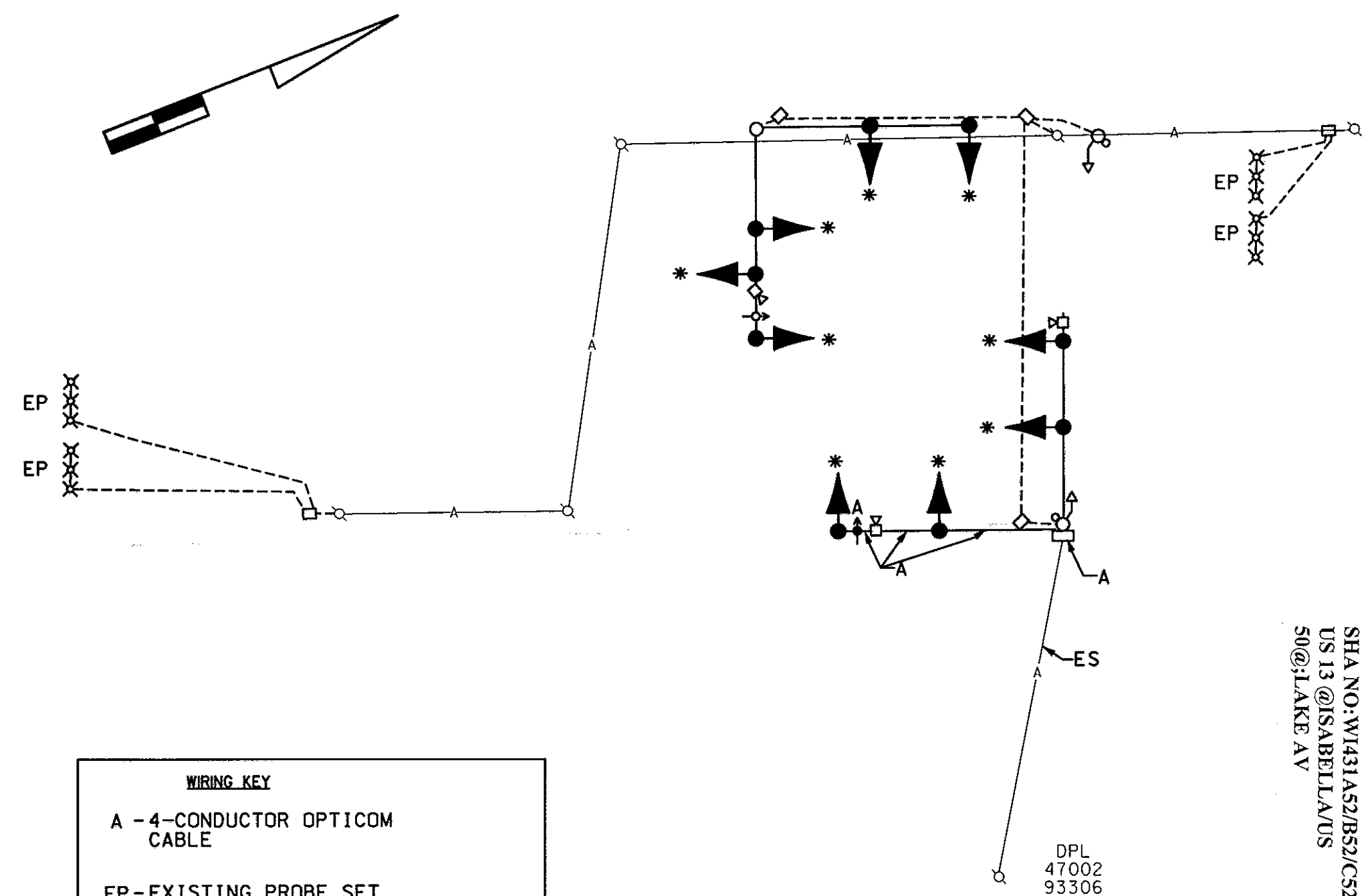
Any signal equipment removed by the Contractor shall become property of the Contractor.

PHASE CHART



PHASE 1 & 6	←G-←G	←G-←G	G	R	R	R	R	R	R	DW	DW	↑ ↓ T
1 & 6 CHANGE	←Y-←Y	←Y-←Y	G	R	R	R	R	R	R	DW	DW	
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	DW	DW	↑ ↓ T
2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	
PHASE 3	R	R	R	R	R	←G-←G	←G-←G	R	R	DW	DW	↑ ↓ T
3 CHANGE	R	R	R	R	R	Y	Y	R	R	DW	DW	
PHASE 4	R	R	R	R	R	R	R	←G-←G	←G-←G	DW	DW	↑ ↓ T
4 CHANGE	R	R	R	R	R	R	R	Y	Y	DW	DW	
PHASE 4 ALT	R	R	R	R	R	R	R	←G-←G	←G-←G	NK	NK	↑ ↓ T
PED CLEAR	R	R	R	R	R	R	R	G	G	FL/DW	FL/DW	
4 ALT CHANGE	R	R	R	R	R	R	R	Y	Y	DW	DW	↑ ↓ T
PRE EMPT 1	R	R	R	G	G	R	R	R	R	DW	DW	
PRE EMPT 1 CHANGE	R	R	R	Y	Y	R	R	R	R	DW	DW	↑ ↓ T
PRE EMPT 2	R	R	R	R	R	G	G	R	R	DW	DW	
PRE EMPT 2 CHANGE	R	R	R	R	R	Y	Y	R	R	DW	DW	↑ ↓ T
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK	

WIRING DIAGRAM



WIRING KEY

A - 4-CONDUCTOR OPTICOM CABLE

EP-EXISTING PROBE SET

ES-EXISTING UNDERGROUND SERVICE TO BE MAINTAINED BY DPL

* - USE EXISTING WIRING

REVISION "E"



400 Crain Hwy., NW
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5637861.dgn

T-205

PLOTTED: \$DATE\$
FILE: \$FILE\$



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 13 BUSINESS (SALISBURY BLVD)
AND ISABELLA STREET

SALISBURY, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE 12/05/08 CONTRACT NO. XX4485185

DESIGNED BY James Allen Jr. COUNTY WICOMICO

DRAWN BY James Allen Jr. LOGMILE 22B01305.77

CHECKED BY [Signature] TIMS NO. J349

F.A.P. NO. TOD NO.

TS NO. 1943E DRAWING NO. 2 OF 2 SHEET NO. OF

TOD NO: XX448-23
SHA NO: W1943E/BS/CS2
US 13 @ SALISBURY
50@LAKE AV